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JANUARY, 1951

VOL. 73, NO. 1

Transactions

of The American Society of Mechanical Engineers

Published on the tenth of every month, except March, June, September, and December

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Published monthly by The American Society of Mechanical Engineers. Publication office at 20th and Northampton Streets, Easton, Pa. The editorial department is located at the headquarters of the Society, 29 West Thirty-Ninth Street, New York 18, N. Y. Cable address, "Dynamic," New York. Price $1.50 a copy, $12.00 a year for Transactions and the *Journal of Applied Mechanics;* to members and affiliates, $1.00 a copy, $6.00 a year. Changes of address must be received at Society headquarters three weeks before they are to be effective on the mailing list. Please send old as well as new address.... By-Law: The Society shall not be responsible for statements or opinions advanced in papers or . . . printed in its publications (B13, Par. 4).... Entered as second-class matter March 2, 1928, at the Post Office at Easton, Pa., under the Act of August 24, 1912.... Copyrighted, 1951, by The American Society of Mechanical Engineers. Reprints from this publication may be made on condition that full credit be given the Transactions of the ASME and the author, and that date of publication be stated.

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Munchen	Bucherei des Deutschen Museums
Stuttgart	Bucherei der Technischen Hochschule

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Bangalore	Mysore Engineers Association
Calcutta	Bengal Engineering College
Poona	Poona College of Engineering
Rangoon	University of Rangoon

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Tokyo	The Japan Society of Mechanical Engineers

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Indexes to ASME Papers and Publications

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1950

Mechanical Engineering, monthly (see index on page SR-63)
ASME Transactions, monthly (see index on page SR-83)
Journal of Applied Mechanics, quarterly (see index on page SR-91)
ASME Mechanical Catalog and Directory, 1951 edition.
Applied Mechanics Reviews, monthly.

Publications Issued in 1950

1949 ASME Transactions (bound form)
1949 Proceedings of the Oil and Gas Power Conference
Bibliography on Plasticity, Its Theory and Applications
Strength of Wrought Steels at Elevated Temperatures
Bibliography on Gas Turbines
Bibliography on Thermostatic Bimetals, Low-Expansion Alloys, and Their Applications
Glossary of Terms in Nuclear Science and Technology
  Sections III, Reactor Engineering,
    V, Chemical Engineering, and
    VI, Biophysics and Radiobiology
Small-Plant Management
Standards and Safety Codes
  1950 Addenda to Low-Pressure Heating Boiler Code, Power Boiler Code, Welding Qualifications, Materials Specifications, and to the 1950 Unfired Pressure Vessel Code
1950 Supplement to 1943 API-ASME Unfired Pressure-Vessel Code
Large Rivets ($^1/_2$ Inch Diameter and Larger)
Plow Bolts
High-Strength, High-Temperature Internal Wrenching Bolts
20-Degree Involute Fine-Pitch System for Spur and Helical Gears
Fine-Pitch Straight Bevel Gears
Design for Fine-Pitch Worm Gearing
Gear Nomenclature
Involute Splines
Involute Serrations
Lock Washers
Twist Drills
Milling Cutters
Single-Point Cutting Tools and Tool Posts
Punch and Die Sets for Two-Post, Punch-Press Tools
Cast Brass Solder-Joint Fittings
Wrought-Steel and Wrought-Iron Pipe
Graphical Symbols for Railway Use
Graphical Symbols for Heat-Power Apparatus
Letter Symbols for Aeronautical Sciences
Preferred Standards for Large 3600-RPM 3-Phase 60-Cycle Condensing Steam Turbine Generators and Standard Specification Data for the Generators
Lock Washers
Industrial Power Trucks

How to Find Papers Presented at 1950 ASME Meetings

THE technical programs of the meetings of the Society and of its Professional Divisions have been published in *Mechanical Engineering* and may be located by consulting the index on pages SR-63 to SR-81. A majority of these papers were published, or will be published, in *Mechanical Engineering* or the Transactions (including the *Journal of Applied Mechanics*) and may be located by reference to the indexes of these publications.

Publications Developed by the Technical Committees

THE Society's technical committees, the first of which was organized many years ago and all of which have been continuously at work on codes, standards, research, and other special reports, have developed a series of publications of permanent value to the membership. The following list is presented here for record and for ready reference. This list covers the works of these committees together with dates of publications and prices. A discount of 20 per cent is allowed to ASME members on all publications except where otherwise noted.

ASME AMERICAN STANDARDS

Bolt, Nut, and Rivet Proportions

Large Rivets (B18.4—1950), $0.80
Plow Bolts (B18.9—1950), $0.55
Round Unslotted-Head Bolts (B18.5—1939), $0.60
Socket-Head Cap Screws and Socket-Set Screws (B18.3—1947), $0.60
Slotted-and-Recessed-Head Screws (B18.6—1947), $1.00
Small Rivets (B18a—1927 with 1942 Addendum), $0.40
Tinners', Coopers', and Belt Rivets (B18g—1928, with 1942 Addendum), $0.45
Track Bolts and Nuts (B18d—1930), $0.50
Wrench-Head Bolts and Nuts and Wrench Openings (B18.2—1941) $0.80
High-Strength, High-Temperature Internal Wrenching Bolts (B18.18—1950), $0.35

Gear Engineering

Design for Fine-Pitch Worm Gearing (B6.9—1950), $1.50
Fine-Pitch Straight Bevel Gears (B6.8—1950), $1.00
Gear Nomenclature (B6.10—1950), $1.50
Gear Tolerances and Inspection (B6.6—1946), $0.80
Letter Symbols for Gear Engineering (B6.5—1949), $0.30
Spur Gear Tooth Form (B6.1—1932), $0.55
20-Degree Involute Fine-Pitch System for Spur and Helical Gears (B6.7—1950), $1.50

Piping and Pipe Fittings

Air Gaps and Backflow Preventers in Plumbing Systems (A40.4—1942 and A40.6—1943), $0.55
Brass Fittings for Flared Copper Tubes (A40.2—1936), $0.45
Bronze or Brass Screwed Fittings for 125 Lb (B16.15—1947), $0.65
Bronze or Brass Screwed Fittings for 250 Lb (B16.17—1949), $0.35
Cast Brass Solder-Joint Fittings (B16.18—1950), $0.75
Cast-Iron Pipe Flanges and Flanged Fittings for 25 Lb Maximum Saturated Steam Pressure (B16b2—1947), $0.50
Cast-Iron Pipe Flanges and Flanged Fittings Class 125 (B16a—1948), $0.65
Cast-Iron Pipe Flanges and Flanged Fittings Class 250 (B16b—1944), $0.55.
Cast-Iron Pipe Flanges and Flanged Fittings for Refrigerant Piping, Class 300 (B16.16—1948), $0.45
Cast-Iron Pipe Flanges and Flanged Fittings for 800 Lb Maximum Hydraulic Pressure (B16b1—1947), $0.45.
Cast-Iron Soil Pipe and Fittings (A40.1—1935), $0.80
Cast-Iron Long Turn Sprinkler Fittings for 150 and 250 Lb Maximum Saturated Steam Pressure and Addendum (B16g—1947), $0.60
Cast-Iron Screwed Fittings for 125 and 250 Lb Maximum Saturated Steam Pressure (B16.4—1949), $0.60
Cast-Iron Screwed Drainage Fittings (B16.12—1942), $0.55
Code for Pressure Piping (B31.1—1942), $2.50
Supplement No. 2 to 1942 Code for Pressure Piping, $0.60
Face-to-Face Dimensions of Ferrous Flanged and Welding End Valves (B16.10—1939), $0.65

Ferrous Plugs, Bushings, Lock Nuts, and Caps (B16.14—1949), $0.50
Malleable-Iron Screwed Fittings for 150 Lb Maximum Saturated Steam Pressure (B16c—1939), $0.60
Pipe Threads (B2.1—1945), $1.50
Plumbing Code (P40.7—1949), $2.50
Scheme for the Identification of Piping Systems (A13—1947), $0.60
Steel Pipe Flanges and Flanged Fittings for 150 to 2500 Lb Maximum Steam Service Pressure (B16e—1939), $1.50
Supplement No. 1 to the 1939 Standard on Steel Pipe Flanges and Flanged Fittings (B16E6—1949), $0.40
Stainless Steel Pipe (B36.19—1949), $0.30
Steel Butt-Welding Fittings (B16.9—1947), $0.50
Steel-Socket Welding Fittings (B16.11—1946), $0.60
Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services (A40.5—1943), $0.30
Wrought-Iron and Wrought-Steel Pipe (B36.10—1950), $0.65

Letter and Graphical Symbols and Charts

Abbreviations for Scientific and Engineering Terms (Z10.1—1941), $0.45
Abbreviations for Use on Drawings (Z32.13—1950), $1.00
Drawings and Drafting-Room Practice (Z14.1—1946), $1.50
Engineering and Scientific Charts for Lantern Slides (Z15.1—1947), $0.60
Engineering and Scientific Graphs for Publications (Z15.3—1947), $0.90
Time Series Charts (Z15.2—1947), $1.50
Graphical Symbols for Welding and Instructions for Their Use (Z32.2.1—1949), $0.50
Graphical Symbols for Plumbing (Z32.2.2—1949), $0.40
Graphical Symbols for Pipe Fittings, Valves, and Piping (Z32.2.3—1949), $0.40
Graphical Symbols for Heating, Ventilating, and Air Conditioning (Z32.2.4—1949), $0.40
Graphical Symbols for Railway Use (Z32.2.5—1950), $0.75
Graphical Symbols for Heat—Power Apparatus (Z32.2.6—1950), $0.35
Letter Symbols for Hydraulics (Z10.2—1942), $0.45
Letter Symbols for Mechanics of Solid Bodies (Z10.3–1948), $0.30
Letter Symbols for Heat and Thermodynamics (Z10.4—1943), $0.65
Letter Symbols for Physics (Z10.6—1948), $1.00
Letter Symbols for Aeronautical Sciences (Z10.7—1950), $1.25
Letter Symbols for Structural Analysis (Z10.8—1949), $0.35

American Standards—Miscellany

Indicating Pressure and Vacuum Gages (B40.1—1947), $0.50
Preferred Thickness for Uncoated Thin Flat Metals (Under 250 Inch), (B32.1—1941), $0.30
Plant Layout Templates and Models (1949), $0.40
Preferred Standards for Large 3600-RPM 3-Phase 60-Cycle Condensing Steam Turbine Generators and Standard Specification Data for the Generators (1950), $0.60
Operation and Flow Process Charts (1947), $0.75
Self-Appraisal Form for Use of Industrial Plants (1947), $0.75
Shaft Couplings (B49—1947), $0.45
Lock Washers (B27.1—1950), $0.75
Plain Washers (B27.2—1949), $0.25
Spur Gear Tooth Form (B6.1—1932), $0.55
Surface Roughness, Waviness, and Lay (B46.1—1947), $0.45

Small Tools and Machine-Tool Elements

Machine Tapers (B5.10—1943), $0.75
Milling Cutters (B5.3—1950), $2.25
Nomenclature for Milling Cutter Teeth (B5c1—1947), $0.70
Reamers (B5.14—1949), $1.00
Taps—Cut and Ground Threads (B5.4—1948), $1.50
Adjustable Adapters (B5.11—1937), $0.60
Chucks and Chuck Jaws (B5.8—1936), $0.55
Circular and Dovetailed Forming Tool Blanks and Holding Elements (B5.7—1948), $0.60
Involute Serrations (B5.26—1950), $1.00
Involute Splines (B5.15—1950), $1.00
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Life Tests of Single Point Tools (B5—1946), $0.55
Machine Pins (B5.20—1947), $0.45
Markings for Grinding Wheels (B5.17—1949), $0.30
Punch and Die Sets for Two-Post, Punch Press Tools (B5.25—1950), $0.75
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Spindle Noses for Toolroom Lathes (B5.9—1948), $0.85
Straight Cut-Off Blades for Lathes and Screw Machines (B5.21—1949), $0.30
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Twist Drills (B5.12—1950), $0.75
Code for Design of Transmission Shafting (B17c—1947), $0.90
Woodruff Keys, Keyslots, and Cutters (B17f—1947), $0.45

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Fire Hose Coupling Screw Thread (B26—1947), $0.30
Hose Coupling Screw Threads (B33.1—1947), $0.30
Rolled Threads for Screw Shells of Electric Sockets and Lamp Bases (C44—1946), $0.45
Unified and American Screw Threads (B1.1—1949), $3.00
Nomenclature, Definitions and Letter Symbols for Screw Threads (B1.7—1949), $0.50
Screw Thread Gages and Gaging (B1.2—1941), $0.75
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Tolerances, Allowances, and Gages for Metal Fits (B4a—1925), $0.60
Limits and Fits in Engineering and Manufacturing (B4.1—1947), $0.30

BOILER CONSTRUCTION CODE

1949 Editions
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  Miniature Boiler Code, $0.75
  Power Boiler Code with 1950 Addenda, $2.75
  Material Specifications with 1950 Addenda, $5.00
  Suggested Rules for Power Boilers, $1.25
  Unfired Pressure Vessel Code, $2.25
  1950 Unfired Pressure Vessel Code with 1950 Addenda, $3.00
  Welding Qualifications, with 1950 Addenda $0.90
Boiler Code Interpretation Service, $5.00 annually
API-ASME Code for Unfired Pressure Vessels
  1943 Edition, with 1944 and 1950 Supplements, $2.00

POWER TEST CODES AND AUXILIARY SECTIONS

Test Codes for

Atmospheric Water-Cooling Equipment (1930), $0.55
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  Chapter 2, Static and Total Pressure, Static Holes and Tubes, and Impact Tubes, and Chapter 3, Pipes for Pressure Measurement Tube (1949), $0.75
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  Chapter 1, General; Chapter 5, Pyrometric Cones; Chapter 6, Liquid-in-Glass Thermometers; and Chapter 7, Bourdon-Type Tube Thermometers (1931), $0.75
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